

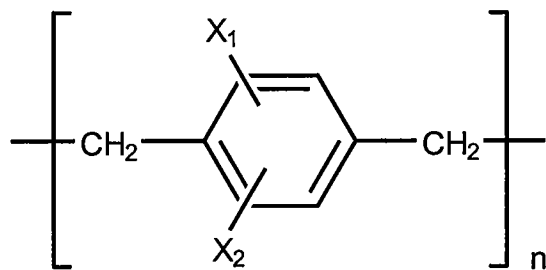
This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

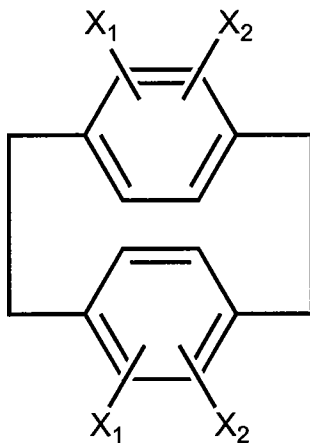
Claims 1-5 (canceled)

Claim 6 (new): A method for improving a heat stability of polyparaxylylene and a derivative film thereof, the method comprising forming the polyparaxylylene or the derivative film thereof represented by general formula 1 by chemical vapor deposition thereby mixing an amino-(2.2)-paracyclophane compound represented by general formula 3 and a (2.2)-paracyclophane compound represented by a general formula 2 to form a film, wherein general formulas 1-3 are shown below:

General formula 1

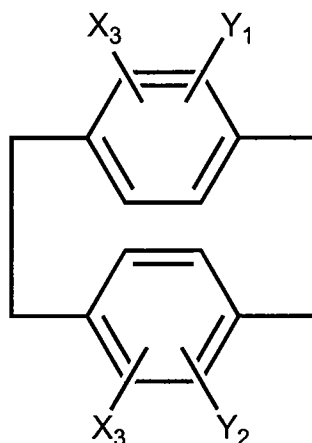


General formula 2



wherein X_1 and X_2 designate hydrogen, lower alkyl or halogen, X_1 and X_2 are the same or different, and n represents a degree of polymerization.

General formula 3



wherein X₃ designates hydrogen or a lower alkyl group, Y₁ and Y₂ designate hydrogen or an amino group and both Y₁ and Y₂ are not hydrogens at the same time.

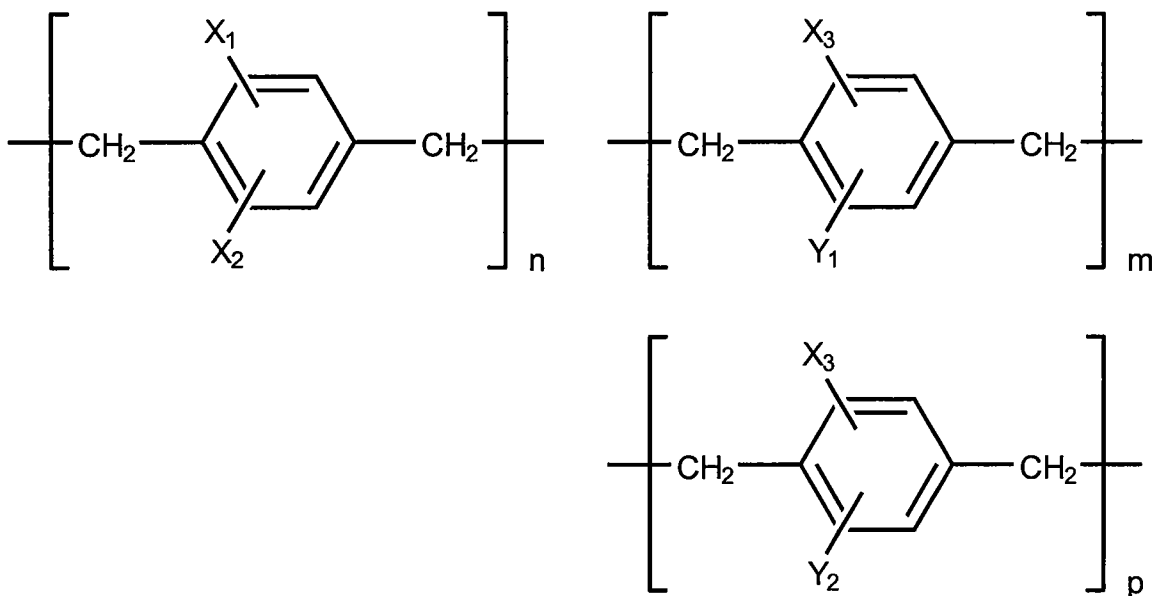
Claim 7 (new): The method according to claim 6, wherein the polyparaxylylene and derivative film thereof is a film of polyparaxylylene, where X₁ and X₂ = hydrogen of general formula 1, polymonochloroparaxylylene, where X₁ is hydrogen and X₂ is chlorine of general formula 1 or polydichloroparaxylylene, where X₁ and X₂ are chlorine of general formula 1.

Claim 8 (new): The method according to claim 6, wherein the amino-(2.2)-paracyclophane compound is a monoamino-(2.2)-paracyclophane, where Y₁ is hydrogen and Y₂ is an amino group of general formula 3 or a diamino-(2.2)-paracyclophane, where Y₁ and Y₂ are an amino group of general formula 3.

Claim 9 (new): The method according to claim 7, wherein the amino-(2.2)-paracyclophane compound is a monoamino-(2.2)-paracyclophane, where Y₁ is hydrogen and Y₂ is an amino group of general formula 3 or a diamino-(2.2)-paracyclophane, where Y₁ and Y₂ are an amino group of general formula 3.

Claim 10 (new): A polyparaxylylene derivative comprising:

General formula 4



where X_1 and X_2 designate hydrogen, lower alkyl or halogen; where X_1 and X_2 are the same or different; where X_3 designates hydrogen or a lower alkyl group; where Y_1 and Y_2 designate hydrogen or an amino group, and both Y_1 and Y_2 are not hydrogen at the same time; and where n , m and p designate a degree of polymerization.

Claim 11 (new): The polyparaxylylene derivative according to claim 10, wherein a thin film is formed.